

PATENT COOPERATION T ATY

EO/US
PCT/JP98/05167

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

United States Patent and Trademark
Office
(Box PCT)
Crystal Plaza 2
Washington, DC 20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing:

10 June 1999 (10.06.99)

International application No.:

PCT/JP98/05167

Applicant's or agent's file reference:

P97-699

International filing date:

17 November 1998 (17.11.98)

Priority date:

28 November 1997 (28.11.97)

Applicant:

SATO, Nobuya et al

1. The designated Office is hereby notified of its election made:

☒

in the demand filed with the International preliminary Examining Authority on:

23 April 1999 (23.04.99)

☐

in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

☐

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 338.83.38

ST
0200
9/555 371

Translation
17 E 1

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P97-699	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP98/05167	International filing date (day/month/year) 17 November 1998 (17.11.98)	Priority date (day/month/year) 28 November 1997 (28.11.97)
International Patent Classification (IPC) or national classification and IPC D04H 3/10, 1/46, B32B 5/26, D06M 17/00		
Applicant KAO CORPORATION		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

RECEIVED
AUG 5 2000
T 1700 MAIL ROOM

Date of submission of the demand 23 April 1999 (23.04.99)	Date of completion of this report 03 February 2000 (03.02.2000)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP98/05167

I. Basis of the report

1. With regard to the **elements** of the international application:*

- ☒ the international application as originally filed
- ☐ the description: _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the claims: _____, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the drawings: _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description: _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

RECEIVED
AUG 15 2009
PCT MAIL ROOM

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims	1-10	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-10	YES
	Claims		NO

2. Citations and explanations

The subject matter of claims 1-10 does not appear to involve an inventive step in view of document 1 [JP, 55-40884, A (Buckeye Cellulose Corporation), 22 March, 1980 (22.03.80); & AU, 525747, B2 & EP, 6264, A1 & US, 4196245, A & CA, 1128411, A1], document 2 [JP, 10-18154, A (Teijin Ltd.), 20 January, 1998 (20.01.98); (Family: none)] and document 3 [JP, 1-239149, A (Mizushima Rinkai Souko K.K.), 25 September, 1989 (25.09.89); (Family: none)], all of which are cited in the ISR.

Above-mentioned document 1 discloses the fact that 'the composite nonwoven fabric has an air permeability of at least $150\text{mm}^3/\text{s}/\text{mm}^2$ and a liquid strikethrough resistance of at least 250mm' [page 2, upper right column, lines 13-14], and also contains the disclosure 'nonwoven fabric... for which at least one of the cover flies... is made from at least one type of material selected from polyester, polypropylene and nylon' [page 2, lower right column, lines 11-17].

Above-mentioned document 2 [page 4, column 6, lines 26-27] contains the disclosure 'thermocompression bonding was carried out using a 130°C emboss calendar, and a long-fiber nonwoven fabric of "metsuke" $20\text{g}/\text{m}^2$ was obtained'.

Above-mentioned document 3 [page 1, right column, line 10] contains the disclosure 'a compression recovery factor of 50~5%'.

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

HATORI, Osamu
Akasaka HKN Building, 6th floor
8-6, Akasaka 1-chome
Minato-ku
Tokyo 107-0052
JAPON

Date of mailing (day/month/year) 13 January 1999 (13.01.99)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference P97-699	
International application No. PCT/JP98/05167	International filing date (day/month/year) 17 November 1998 (17.11.98)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 28 November 1997 (28.11.97)
Applicant KAO CORPORATION et al	

1. The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
3. An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, **the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.**
4. The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, **the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.**

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
28 Nove 1997 (28.11.97)	9/329067	JP	11 Janu 1999 (11.01.99)
28 Nove 1997 (28.11.97)	9/329068	JP	11 Janu 1999 (11.01.99)
28 Nove 1997 (28.11.97)	9/329069	JP	11 Janu 1999 (11.01.99)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

K. Takeda

Telephone No. (41-22) 338.83.38

JUN 11 1999

PCT

From the INTERNATIONAL BUREAU

**NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES**

(PCT Rule 47.1(c), first sentence)

To:

HATORI, Osamu
Akasaka HKN Building, 6th floor
8-6, Akasaka 1-chome
Minato-ku
Tokyo 107-0052
JAPON

Date of mailing (day/month/year) 10 June 1999 (10.06.99)		
Applicant's or agent's file reference P97-699		IMPORTANT NOTICE
International application No. PCT/JP98/05167	International filing date (day/month/year) 17 November 1998 (17.11.98)	
		Priority date (day/month/year) 28 November 1997 (28.11.97)
Applicant KAO CORPORATION et al		

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:
AU,CN,EP,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:
None

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on
10 June 1999 (10.06.99) under No. WO 99/28545

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 740.14.35</p>	<p>Authorized officer J. Zahra</p> <p>Telephone No. (41-22) 338.83.38</p>
---	--

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int.Cl⁶ D04H 3/10, D04H 1/46, B32B 5/26, D06M 17/00

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int.Cl⁶ D04H 1/00-18/00

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報	1926-1997年
日本国公開実用新案公報	1971-1996年
日本国登録実用新案公報	1994-1997年
日本国実用新案登録公報	1996-1998年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	J P, 55-40884, A (ザ・バッキー・セルローズ・コーポレーション), 22. 3月. 1980 (22. 03. 80) & A U, 525747, B2&EP, 6264, A1&US, 4196245, A&CA, 1128411, A1	1-10
Y	J P, 10-18154, A (帝人株式会社), 20. 1月. 1998 (20. 01. 98) (ファミリーなし)	1-10
Y	J P, 1-239149, A (水島臨海倉庫株式会社), 25. 9月. 1989 (25. 09. 89) (ファミリーなし)	1-10

☐ C欄の続きにも文献が列举されている。☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

「A」 特に関連のある文献ではなく、一般的技術水準を示すもの
「E」 国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
「L」 優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)
「O」 口頭による開示、使用、展示等に言及する文献
「P」 国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」 国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの
「X」 特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの
「Y」 特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの
「&」 同一パテントファミリー文献

国際調査を完了した日

22. 02. 99

国際調査報告の発送日

16.03.99

国際調査機関の名称及びあて先

日本国特許庁 (ISA/J P)
郵便番号 100-8915
東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

松 縄 正 登

印

3 B 7 6 3 3

電話番号 03-3581-1101 内線 3319

E P



国際調査報告

PCT

(法8条、法施行規則第40、41条)
〔PCT18条、PCT規則43、44〕

出願人又は代理人 の書類記号 P 9 7 - 6 9 9	今後の手続きについては、国際調査報告の送付通知様式(PCT/ISA/220)及び下記5を参照すること。	
国際出願番号 PCT/J P 9 8 / 0 5 1 6 7	国際出願日 (日.月.年) 1 7 . 1 1 . 9 8	優先日 (日.月.年) 2 8 . 1 1 . 9 7
出願人(氏名又は名称) 花王株式会社		

国際調査機関が作成したこの国際調査報告を法施行規則第41条(PCT18条)の規定に従い出願人に送付する。
この写しは国際事務局にも送付される。

この国際調査報告は、全部で 2 ページである。

☐ この調査報告に引用された先行技術文献の写しも添付されている。

1. 国際調査報告の基礎

a. 言語は、下記に示す場合を除くほか、この国際出願がされたものに基づき国際調査を行った。

☐ この国際調査機関に提出された国際出願の翻訳文に基づき国際調査を行った。

b. この国際出願は、ヌクレオチド又はアミノ酸配列を含んでおり、次の配列表に基づき国際調査を行った。

☐ この国際出願に含まれる書面による配列表

☐ この国際出願と共に提出されたフレキシブルディスクによる配列表

☐ 出願後に、この国際調査機関に提出された書面による配列表

☐ 出願後に、この国際調査機関に提出されたフレキシブルディスクによる配列表

☐ 出願後に提出した書面による配列表が出願時における国際出願の開示の範囲を超える事項を含まない旨の陳述書の提出があった。

☐ 書面による配列表に記載した配列とフレキシブルディスクによる配列表に記録した配列が同一である旨の陳述書の提出があった。

2. ☐ 請求の範囲の一部の調査ができない(第I欄参照)。

3. ☐ 発明の単一性が欠如している(第II欄参照)。

4. 発明の名称は ☒ 出願人が提出したものを承認する。

☐ 次に示すように国際調査機関が作成した。

5. 要約は ☒ 出願人が提出したものを承認する。

☐ 第III欄に示されているように、法施行規則第47条(PCT規則38.2(b))の規定により国際調査機関が作成した。出願人は、この国際調査報告の発送の日から1カ月以内にこの国際調査機関に意見を提出することができる。

6. 要約書とともに公表される図は、

第 _____ 図とする。 ☐ 出願人が示したとおりである。

☒ なし

☐ 出願人は図を示さなかった。

☐ 本図は発明の特徴を一層よく表している。

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int.Cl⁶ D04H 3/10, D04H 1/46, B32B 5/26, D06M 17/00

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int.Cl⁶ D04H 1/00-18/00

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報 1926-1997年
 日本国公開実用新案公報 1971-1996年
 日本国登録実用新案公報 1994-1997年
 日本国実用新案登録公報 1996-1998年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	JP, 55-40884, A (ザ・バックキー・セルローズ・コーポレーション), 22. 3月. 1980 (22. 03. 80) & A U, 525747, B2&EP, 6264, A1&US, 4196 245, A&CA, 1128411, A1	1-10
Y	JP, 10-18154, A (帝人株式会社), 20. 1月. 19 98 (20. 01. 98) (ファミリーなし)	1-10
Y	JP, 1-239149, A (水島臨海倉庫株式会社), 25. 9 月. 1989 (25. 09. 89) (ファミリーなし)	1-10

☐ C欄の続きにも文献が列挙されている。☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

「A」 特に関連のある文献ではなく、一般的技術水準を示すもの

「E」 国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの

「L」 優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)

「O」 口頭による開示、使用、展示等に言及する文献

「P」 国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」 国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの

「X」 特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの

「Y」 特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの

「&」 同一パテントファミリー文献

国際調査を完了した日

22. 02. 99

国際調査報告の発送日

16.03.99

国際調査機関の名称及びあて先

日本国特許庁 (ISA/JP)

郵便番号100-8915

東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

松 縄 正 登

3B7633

電話番号 03-3581-1101 内線 3319